



Patent
Attorney's Docket No. 001560-222

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)

Miyoko ONO et al)

Application No.: 08/693,499)

Filed: August 7, 1996)

Group Art Unit: C. Sherrer

Examiner: 1761

HOP EXTRACT AND USE
THEREOF

REPLY AND AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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JUN 04 2002
TC 1700

Sir:

In complete response to the Final Office Action mailed November 30, 2001, please amend the above-identified application as follows.

IN THE CLAIMS:

Kindly replace claims 1-2 as follows.

1. (Five Times Amended) A process for production of an essential oil-rich hop extract, comprising the steps of:

(1) extracting hops with supercritical or subcritical carbon dioxide solvent at a pressure of 80 to 100 kg/cm² to obtain a carbon dioxide extract; and

(2) separating an essential oil-rich hop extract from the carbon dioxide extract,

wherein the ratio of essential oil content (ml) to α -acid (g) in the extracted hops is increased by at least 2.